

ADDENDUM NUMBER 3

MILWAUKEE COUNTY FLEET MAINTENANCE  
CENTRAL FLEET MAINTENANCE HVAC REPLACEMENT  
Site #365, Bldg. #5560 & 5561  
10320 West Watertown Plance Road  
Wauwatosa, WI 53226

Project Number: 5300-20144

Date of Addendum: October 19, 2021

This Addendum to the Contract Documents is issued to modify, explain or correct the original documents, dated September 15, 2021, and is hereby made part of the Contract Documents. Acknowledge receipt of this Addendum in the space provided on the Bid Form, or bid may be rejected.

BIDDING AND CONTRACT DOCUMENTS, SPECIFICATIONS AND DRAWINGS

**This Addendum consists of 2 pages**

**CHANGES TO BIDDING REQUIREMENTS (DIVISION 00):**

1. None

**CHANGES TO GENERAL REQUIREMENTS (DIVISION 01):**

1. None.

**CHANGES TO GENERAL SPECIFICATIONS (DIVISIONS 01 TRU 33):**

1. Section 23 2113, HYDRONIC PIPING AND SPECIALTIES
  - a. Contractor may provide grooved fittings for steel piping 2-1/2" and larger.  
Insert the following specification section.

**2.8 GROOVED FITTINGS AND COUPLINGS FOR STEEL PIPE**

A. Acceptable Manufacturers

1. Anvil/Gruvlok
2. Victaulic

B. Steel Pipe Grooved Couplings 2-1/2" through 12": ASTM A536 ductile iron; housing clamps to engage and lock, designed to permit some angular deflection, contraction and expansion; C-shape elastomer EPDM pressure responsive composition sealing gasket for operating temperature range from -30F to 230F; ASTM A183 steel bolts, nuts and washers. Use galvanized couplings for galvanized pipe.

1. Rigid Type Couplings: Housings shall be cast with offsetting, angle-pattern bolt pads or tongue and groove design to provide system rigidity and support and hanging in accordance with ANSI B31.1 and B31.9. Victaulic Style 107 or Gruvlok 7401, 7402.

2. Flexible Type Couplings: Use in locations where vibration attenuation and stress relief are required. Must use three (3) couplings in close proximity. Victaulic Style 177 or Gruvlok 7001.
- C. Grooved End Fittings 2-1/2" through 12": ASTM A536 ductile iron, ASTM A234 forged steel, or ASTM A53 fabricated carbon steel with grooves designed to accept couplings. Use galvanized fittings for galvanized pipe.
- D. Grooved End Flange Adapter: For use with grooved end pipe and fittings, flat face, for direct connection to ASTM A 234, or fabricated from carbon steel conforming to ASTM A53, galvanized for galvanized pipe, with grooves designed to accept grooved joint couplings of the same manufacturer.

**CHANGES TO DRAWINGS:**

1. Sheet E100: Work Plan – Level 01 – Power
  - a. Delete references to "NEW OVER VOLTAGE PROTECTION DEVICE" , "NEW HARMONIC SILENCER" and "EXISTING SPD TO BE REMOVED."
2. Sheet E200: Electrical Panel Schedule
  - a. Panel Schedule, Revised - Switchboard: Delete reference to "OVERVOLTAGE PROTECTION" in circuit 1. Existing Square D TVSS shall remain.
3. Sheet E201 and E202: Electrical Panel Schedules
  - a. Panel Schedules. Existing - PP/A and Revised – PP/A: Clarification: Project is not demolishing the surge unit.

End of Addendum No. 3